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February 28, 2005

WRITER'S DIRECT NUMBER: (202) 772-8677 INTERNET ADDRESS: RSOKOHL(@'SKGF.COM

Mail Stop: Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No.: 10/084,503; Filed: February 28, 2002

For: Efficient Excitation Quantization in a Noise Feedback Coding System

Using Correlation Techniques

Inventors:

Jes THYSSEN et al.

Our Ref:

1875.1760001

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Second Supplemental Information Disclosure Statement;
- 2. A listing of the cited documents on Form PTO-1449 (2 pages);
- 3. Copies of the cited documents; and
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents February 28, 2005 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Robert Sokohl Attorney for Applicants Registration No. 36,013

RES:ddc Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Confirmation No.: 7474

Jes THYSSEN et al.

Art Unit: 2644

Appl. No.: 10/084,503

Examiner: Shortledge, Thomas E.

Filed: February 28, 2002

Atty. Docket: 1875.1760001

For: Efficient Excitation Quantization In A Noise Feedback Coding System **Using Correlation Techniques**

Second Supplemental Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

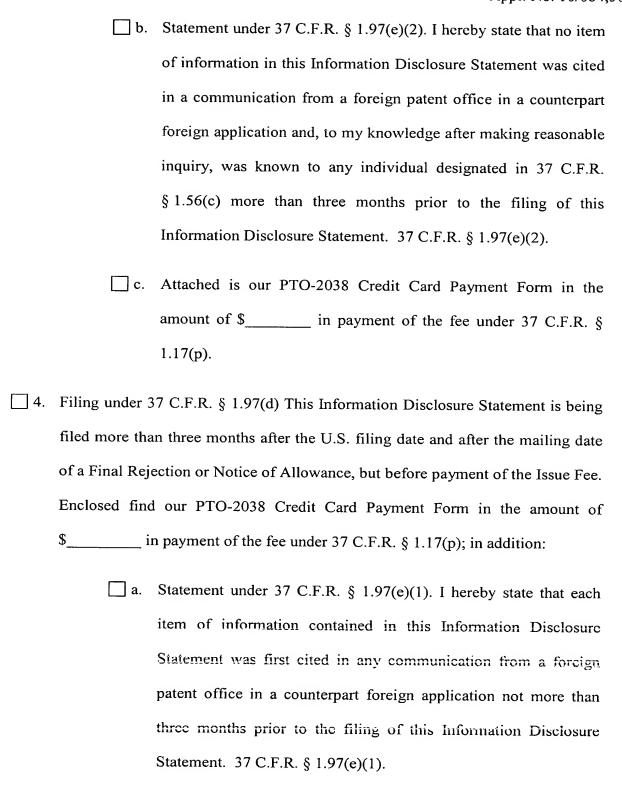
Applicants have listed publication dates on the attached Form PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicants have checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this
 Information Disclosure Statement was cited in a communication from a foreign
 patent office in a counterpart application and this communication was not
 received by any individual designated in 37 C.F.R.
 § 1.56(c) more than thirty
 days prior to the filing of this information disclosure statement.
- 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.
 - a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).



- b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- 5. Document AT1 was cited in two search reports by a foreign patent office in two related foreign applications. Copies of the two search reports are enclosed as documents AR1 and AS1 for the convenience of the Examiner.

Documents AS2 and AT2 were cited in a search report by a foreign patent office in a counterpart foreign application. A copy of the search report is enclosed as document AR2 for the convenience of the Examiner.

- 6. A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R. § 1.98(a)(3).
- ∑ 7. Copies of the documents are enclosed.
- 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No._______, filed ______, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

Docket No. 1875.1760001

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Robert Sokohl Attorney for Applicants Registration No. 36,013

Date: February 28, 2005

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

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FORM PTO-1449

ATTY. DOCKET NO. 1875.1760001

APPLICATION NO. 10/084,503

Page 1 of 2

INVENTORS
Jes THYSSEN et al. FILING DATE February 28, 2002

ART UNIT 2644

SECOND SUPPLEMENTA STATEMENT OF THE STAT

			February 28, 2002		44	
		U.S. PA	ATENT DOCUMENTS			
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
АВ						
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		FOREIGN	PATENT DOCUMEN	TS		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Ye No
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AN						Ye
AO		-		977-991-19		Ye
AP	Street Control of the		,			Ye.
	OTHER DOCUMENTS	S (Includi	ng Author, Title, Date	e, Pertinent Page	es, etc.)	170
AR1	European Search R	eport from	EP Application No. 02	2259023.6, dated	December 6,	2004, 3 pages
AS1	European Search R	eport from	F.P Application No. 02	2259024.4, dated	December 6,	2004, 3 pages
AT1	Dattere, J. and Chris University, Autumn	stine Law, 1997, 10 p	Error Spectrum Shapi ages.	ing and Vector Q	uantization, St	anford
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	AB AC AD AE AF AG AH AI AJ AK AL AM AO AP AR1	AA AB AC AD AE AF AG AH AI AJ AK DOCUMENT NUMBER AL AM AN AO AP OTHER DOCUMENTS AR1 European Search Re AL AS1 European Search Re Dattoro, J. and Christ	AA AB AC AD AE AF AG AH AI AJ AK BOCUMENT NUMBER FOREIGN DOCUMENT NUMBER DATE AL AM AN AO AP OTHER DOCUMENTS (Including AR1) European Search Report from AS1 European Search Report from AS1 Dottore, J. and Christine Law,	DOCUMENT NUMBER DATE NAME AA AB AC AD AE AF AG AH AI AJ AK FOREIGN PATENT DOCUMEN AN AN AN AN AN AN AN AO AP OTHER DOCUMENTS (Including Author, Title, Date AR1 European Search Report from EP Application No. 02 AS1 European Search Report from EP Application No. 02	DOCUMENT NUMBER DATE NAME CLASS AA AB AB AC AD AC AD AC AC AD AC	U.S. PATENT DOCUMENTS DOCUMENT NUMBER DATE NAME CLASS SUB-CLASS AA AB AC AE AF AJ AJ AK AM AN AO AP OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) AS1 European Search Report from EP Application No. 02259024.4, dated December 6, AT1 Dottere, J. and Christine Law, Errer Spectrum Shaping and Vector Quantization, St.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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-	1	FORM PTO-1440	2 2005	ATTY. DOCKET NO 1875.1760001	O. 	APPLICATION NO. 10/084,503			
SECOND SUPPLEMENTAL				INVENTORS Jes THYSSEN et al.					
INFORMATION DISCLOSURE STATEMENT			FILING DATE February 28, 2002		ART UNIT 2644				
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	AN						Yes No		
	AO						Yes		
	AP						No Yes		
		OTHER DOCUMENTS	S (Includin	g Author, Title, Dat	te, Pertinent P	ages, etc.)	No		
	AR2								
	AS2 Skoglund, J., "Analysis and quantization of glottal pulse shapes," Speech Communication, Eisevier Science B.V., Vol. 24, No. 2, May 1, 1998, pp 133-152.								
	AT2	Jayant, N.S., "ADPO Feedback And Postf	M Coding (litering", <i>IC</i>	Of Speech With Bac ASSP '87, IEEE, Ap	oril 1987, pp 12	88-1291.			
	EXAMINER					DATE CONSIDERED			
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